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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=11; day=6; hr=10; min=30; sec=27; ms=512;]

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Application No: 10540845 Version No: 2.0

Input Set:

Output Set:

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Finished: 2008-10-10 14:28:15.250
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 485 ms
Total Warnings: 19
Total Errors: 0
No. of SeqIDs Defined: 44
Actual SeqID Count: 44

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SEQUENCE LISTING

<110> Bienkowska, Jadwiga
McAllister, Gregg

<120> Novel Preadipocyte Factor-1-Like Polypeptides

<130> ARS.113

<140> 10540845

<141> 2006-01-26

<150> US 60/436,815

<151> 2002-12-27

<160> 44

<170> PatentIn version 3.3

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<211> 1663

<212> DNA

<213> homo sapiens

<220>

<221> CDS

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c atg ccc agc ggc tgc cgc tgc ctg cat ctc gtg tgc ctg ttg tgc att 169
Met Pro Ser Gly Cys Arg Cys Leu His Leu Val Cys Leu Leu Cys Ile
1 5 10 15

ctg ggg gct ccc ggt cag cct gtc cga gcc gat gac tgc agc tcc cac 217
Leu Gly Ala Pro Gly Gln Pro Val Arg Ala Asp Asp Cys Ser Ser His
20 25 30

tgt gac ctg gcc cac ggc tgc tgt gca cct gac ggc tcc tgc agg tgt 265
Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys
35 40 45

gac ccg ggc tgg gag ggg ctg cac tgt gag cgc tgt gtg agg atg cct 313
Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro
50 55 60

ggc tgc cag cac ggt acc tgc cac cag cca tgg cag tgc atc tgc cac 361
Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His
65 70 75 80

agt ggc tgg gca ggc aag ttc tgt gac aaa ggc ttc cat ggg cgt gac 409
Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp

85	90	95	
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aat ggc ggg cag tgc cag gac gac cag ggc ttt gct ctc aac ttc acg Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr 115	120	125	505
tgc cgc tgc ttg gtg ggc ttt gtg ggt gcc cgc tgt gag gta aat gtg Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn Val 130	135	140	553
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ttc tgc acc atc aac ctg gat gac tgt gcc agc cgc cca tgc cag aga Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg 180	185	190	697
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cgg atc tca gtg aag gag gtg gtg cgg agg caa gag gct ggg cta ggt Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly 260	265	270	937
270			
gag cct agc ttg gtg gcc ctg gtg ttt ggg gcc ctc act gct gcc Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala 275	280	285	985
285			
ctg gtt ctg gct act gtg ttg ctg acc ctg agg gcc tgg cgc cgg ggt Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly 290	295	300	1033
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315			
320			

gct tgc cag gac cag gag tgt cag gtt agc atg ctg cca gca ggg ctc			1129
Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly Leu			
325	330	335	
ccc ctg cca cgt gac ttg ccc cct gag cct gga aag acc aca gca ctg			1177
Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu			
340	345	350	
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ctggagtggt ccgttctcac cacccttcag ctgggtaca cacacagagg agacactcagc			1290
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 <213> homo sapiens

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Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys			
35	40	45	
Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro			
50	55	60	
Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His			
65	70	75	80
Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp			
85	90	95	
Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys Arg			
100	105	110	
Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr			

115

120

125

Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn Val
130 135 140

Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu Asp
145 150 155 160

Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly Arg
165 170 175

Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg
180 185 190

Gly Ala Arg Cys Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys Pro
195 200 205

Ser Gly Tyr Gly Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp
210 215 220

Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val
225 230 235 240

Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu
245 250 255

Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly
260 265 270

Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala
275 280 285

Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly
290 295 300

Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro
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Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu
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Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro Gly Cys Gln His
35 40 45

Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His Ser Gly Trp Ala
50 55 60

Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp Cys Glu Arg Lys
65 70 75 80

Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys Arg Asn Gly Gly Gln
85 90 95

Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr Cys Arg Cys Leu
100 105 110

Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn Val Asp Asp Cys Leu
115 120 125

Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu Asp Gly Ile Asn Arg
130 135 140

Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly Arg Phe Cys Thr Ile
145 150 155 160

Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg Gly Ala Arg Cys
165 170 175

Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys Pro Ser Gly Tyr Gly
180 185 190

Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp Pro Pro Thr Thr
195 200 205

Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val Val Pro Ala Thr
210 215 220

Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu Arg Ile Ser Val
225 230 235 240

Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly Glu Pro Ser Leu
245 250 255

Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala Leu Val Leu Ala
260 265 270

Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly Val Cys Pro Pro
275 280 285

Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro Ala Cys Gln Asp
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Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly Leu Pro Leu Pro Arg
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Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu
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Leu Gly Ala Pro Gly Gln Pro Val Arg Ala Asp Asp Cys Ser Ser His
20 25 30

Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys
35 40 45

Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro
50 55 60

Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His
65 70 75 80

Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp
85 90 95

Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys Arg
100 105 110

Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr
115 120 125

Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn Val
130 135 140

Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu Asp
145 150 155 160

Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly Arg
165 170 175

Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg
180 185 190

Gly Ala Arg Cys Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys Pro
195 200 205

Ser Gly Tyr Gly Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp
210 215 220

Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val
225 230 235 240

Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu
245 250 255

Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly
260 265 270

Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala
275 280 285

Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly
290 295 300

Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro
305 310 315 320

Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly Leu
325 330 335

Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu
340 345 350

His His His His His His
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<213> homo sapiens

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Cys His Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Asp Glu His Ile
20 25 30

Cys Thr Thr Gln Ser Pro Cys Gln Asn Gly Gly Gln Cys Met Tyr Asp
35 40 45

Gly Gly Gly Glu Tyr His Cys Val Cys Leu Pro Gly Phe His Gly Arg
50 55 60

Asp Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys
65 70 75 80

Arg Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe
85 90 95

Thr Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn
100 105 110

Val Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu
115 120 125

Asp Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly
130 135 140

Arg Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln

145	150	155	160
Arg Gly Ala Arg Cys Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys			
165	170		175
Pro Ser Gly Tyr Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro			
180	185		190
Asp Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val			
195	200		205
Val Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu			
210	215		220
Leu Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu			
225	230		240
Gly Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala			
245	250		255
Ala Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg			
260	265		270
Gly Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala			
275	280		285
Pro Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly			
290	295		